

EXPRESSION OF INTEREST/SOURCES SOUGHT

EXPRESSION OF INTEREST OBJECTIVE

Consolidated Nuclear Security, LLC (CNS), acting under Prime Contract No. DE-NA-0001942 with the U.S. Department of Energy/National Nuclear Security Administration (DOE/NNSA), seeks Expressions of Interest solely for informational, market research, and planning purposes for a possible upcoming project. ALL COSTS ASSOCIATED WITH PROVIDING INFORMATION IN RESPONSE TO THIS EXPRESSION OF INTEREST (EOI) SHALL BE THE RESPONSIBILITY OF THE INTERESTED FIRM.

Nothing, in this EOI should be interpreted as, a final conclusion.

The purpose of this request is to identify small business sources and the availability of commercial sources and services. At this time, no solicitation exists, therefore, DO NOT REQUEST A COPY OF THE SOLICITATION. After reviewing the level of interest, CNS will develop at its own discretion an acquisition strategy that meets the needs of CNS and DOE/NNSA. This is NOT an invitation for bid (IFB) or request for proposal (RFP) and does not constitute any commitment by CNS to issue any solicitation. All interested firms must respond to future solicitation announcements separately from responses to this EOI.

Responses to this EOI will not be returned and will become the property of CNS. All information received in response to this EOI that is marked PROPRIETARY will be handled accordingly. CNS shall not be liable for or suffer any consequential damages for any proprietary information not properly identified. Proprietary information or trade secrets shall be clearly identified. Responses to this notice are NOT offers and CANNOT be accepted by CNS to form a binding agreement.

DESCRIPTION OF REQUIREMENT:

CNS has the need to acquire up to 6,800 metric tons Uranium (MTU) of high purity depleted uranium metal (DU) and related material and services. Sources are sought for:

1. DU metal. Please provide information including quantities and specifications of available material. Please estimate costs to prepare material for shipment, material costs, and potential delivery schedule.
2. DU metal intermediary products. DU products such as depleted uranium tetrafluoride UF₄ can be used to produce DU metal. Please provide information including quantities and specifications of available material. If other DU metal intermediary products are available, please provide quantities and specifications. Please estimate costs to prepare material for shipment, material costs, and potential delivery schedule.
3. DU metal production from UF₆, UF₄, or other intermediary products or partial processing (i.e., converting UF₆ to UF₄). NNSA can supply up to 1100 cylinders of UF₆. UF₄ specification available upon request. Please detail existing or planned process.
4. Containers for transportation and storage DU intermediate products and metal.
5. Support services for the containerization of intermediate and final products
6. Support services for the transportation of materials.
7. Support services for the storage of intermediate and final products.

8. Support services for the disposition of process waste.
9. Support services for cleaning and recycling DU metal scrap into DU billets.

Interested firms may express interest in all or parts of this scope of work. For each portion of work in which your firm is interested, please:

1. Describe the **experience** your firm has that is directly applicable to this scope (including years and scale of any operations).
2. Describe the **personnel** that your firm employees with experience in this area including their relevant educational and professional backgrounds and years of experience.
3. Describe any **equipment or facilities** that your firm has or would need to acquire to complete this scope. For existing equipment or facilities, please detail the age and current condition. For needed equipment or facilities, please estimate what would be required (cost, schedule) to obtain.
4. Describe any **permits and licenses** that your firm has or would need to acquire to complete this scope. For existing permits and licenses, please detail the type, purpose, valid dates, and issuing organization. For needed permits and licenses, please estimate what would be required (cost, schedule) to obtain.
5. Describe any **manufacturing/chemical processing capabilities** that your firm has, has planned, or would need to initiate. Please provide information related to:
 - a. Security plans and capabilities
 - b. Quality Assurance program and certifications
 - c. Test/Experimental capabilities
 - d. Cost to complete
 - e. Schedule to complete
 - f. Process capacity/throughput (minimum, maximum, and optimum)
6. Estimate **total fixed unit price** per MTU.
7. Estimate **overall schedule** (earliest and optimum).
8. Describe the **uncertainty/cost sensitivity** of information provided relative to schedule, quantities, market conditions, and technical specifications.
9. Describe your preferred **contract type** and agreement terms.
10. Provide any other relevant information.

RESPONSE INSTRUCTIONS:

Responses must be submitted electronically to the E-mail address below. CNS will only entertain written communication; no verbal communions will be accepted.

Consolidated Nuclear Security, LLC
 ATTN: Angela Bryant
 E-mail: bryanta@y12.doe.gov

Respondents must complete and submit their written responses no later than **February 5, 2015**, in white paper format on 8.5" x 11" and not more than 20 pages in length. The total page count does include all information provided (i.e., graphs, technical, etc.). Font size should be 11 or 12 point, single sided, and prepared in Microsoft Word. Charts and graphics must be Microsoft- Word, Excel, PowerPoint, or PDF format. Proprietary information must be clearly marked and delineated. The

respondent shall identify where data is restricted by proprietary or other rights and mark it accordingly.

Questions of any kind to this EOI are to be sent electronically to bryanta@y12.doe.gov. This is NOT a Request for Proposal or Request for Quotation and does not constitute any commitment by CNS or the Government. CNS reserves the right to revise this EOI in whole or in part based upon the responses received.

As indication of interest in this EOI, Firms are asked to provide responses to the following questions.

Company Name:	
Business Street Address:	
City:	
State:	
Zip Code:	
Company Web Site:	
Contact Person & Title	
Name:	
Title:	
Telephone Number:	
Mobile Number:	
Email Address:	
Business Size Standard in reference to NAICS Code 331410, is 1,000 Employees.	
If the NAICS Code is not currently in your System for Award (SAM) profile, what do you anticipate your business size and socioeconomic status will be once the NAICS Code is added to your SAM profile?	
Is your business domestically or foreign owned (if foreign owned, please indicate country of ownership)?	
Are you enrolled in the E-Verify Program for employment verification?	
Based on the information provided by this EOI, will your firm participate in any resulting solicitation? If No, please provide reason.	
Describe recent contract/project experience performed within the last five years for both your company and any proposed teaming partners and include:	
Type of contract (Fixed price, cost reimbursement, etc.)	
Identification of your company's role as either a prime or subcontractor	
Abstract for each description of work experience	